

Learning Objectives

1. To understand the basic elements of IoT, which is the general architecture and technologies involved
2. To find IoT use cases and explain how IoT devices work
3. To find the use of IoT in combating Climate Change and enabling Sustainable Solutions

<b>18th October 2023</b>		
09:30 AM to 09:40 AM	Inaugural Session	Dr. Sundus Ali/Dr. Muhammad Imran Aslam
09:40 AM to 10:25 AM	Introduction to Internet of Things (IoT)	<b>Dr. Muhammad Zeeshan Shakir, UWS</b>
10:25 AM to 11:10 AM	IoT Networking Technologies and Use Cases	<b>Dr. Shahid Awan, UWS</b>
11:10 AM to 11:30 AM	Tea and Networking	
11:30 AM to 12:15 PM	IoT Programming with Arduino	Ms. Ghulam Fiza
12:15 PM to 01:00 PM	FPGAs for IoT applications	Dr. Muhammad Fahim-ul-Haque
01:00 PM to 02:00 PM	Lunch and Networking	
02:00 PM to 02:45 PM	AI/ML and IoT applications	Dr. Hira Mariam
02:45 PM to 03:30 PM	IoT Programming with Raspberry Pi	Dr. Talib Abbas
03:30 PM to 04:30 PM	Hands-on and Demonstration	Dr. Talib Abbas